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Nucleic Acids Abstracts commenced publication in January 1971 and is published monthly, each issue comprising some 600-700 abstracts. Abstracts are presented in numerical sequences under 90 subject headings and sub-headings. Abstracts are also allocated to all sections to which they are relevant. Each issue contains a full author index in which every author is cited.

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Falconberg Court  
London W1V 5FG England

# Nucleic Acids Abstracts

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Annual Subject Index to  
Volume 4 1974

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Information Retrieval Inc.  
1911 Jefferson Davis Highway,  
Arlington, Virginia 22202 U.S.A.

Compiled and printed in England

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# Abbreviations

adenine	GDP	guanosine diphosphate	PMR	proton magnetic resonance
angstrom	gen	genus	p. o.	per os
acetylcholine	gen. n.	new genus	PP	pyrophosphate
adrenocorticotrophic hormone	GLC	gas liquid chromatography	PPLO	pleuropneumonia-like organism
adenosine diphosphate	CMP	guanosine monophosphate	p.p.m.	parts per million
adenosine monophosphate	GSPD	glucose-6-phosphate dehydrogenase	Prot.	Protura
Anaclura	GTP	guanosine triphosphate	Pseudoscorp.	Pseudoscorpiones
arginine phosphate	HA	haemagglutination	p. s. i.	pounds per square inch
approximately	Hb	haemoglobin	Poc.	Poecoptera
Arachnida	Hem.	Hemiptera	PTC	phenylthiocarbamide
Araneae	Het.	Heteroptera	PTe	parathyroid extract
atomic weight	HI	haemagglutination inhibition	PTH	parathyroid hormone
adenosine triphosphate	Hom.	Homoptera	q. i. d.	quarter in die (4 times a day)
adenosine triphosphatase	hr	hour(s)	quat	quaternary
August	HS	horizontal section	rad	radiation unit (100 ergs/g)
biochemical oxygen demand	HT	hydroxytryptamine	RBC	red blood cell
bis in die (twice daily)	Hym.	Hymenoptera	RI	relative flow rate
benzene hexachloride	Hz	hertz	RH	relative humidity
Blattodea	i. a.	intraarterial, -ly	RNA	ribonucleic acid
curie	IAA	indole acetic acid	RNase	ribonuclease
cytosine	i. c.	intracerebral, -ly	RNP	ribonucleoprotein
crica	i. d.	intra dermal, -ly	rpm	revolutions per minute
corpora allata, corpus allatum	ID <sub>50</sub>	median inhibitive dose	RQ	respiratory quotient
corpora cardiaca	IDP	inosine diphosphate	rRNA	ribosomal RNA
circular dichroism	IgG, M, etc	immunoglobulin G, M, etc	S	Svedberg unit
median curvate dose	i. m.	intramuscular, -ly	s. c.	subcutaneous, -ly
cytidine diphosphate	IMP	inosine monophosphate	Scorp.	Scorpiones
complement fixation	in	inch, inches	SOS	sodium dodecyl sulphate
colony forming unit	i. n.	intranasal, -ly	sec	second(s)
Chilopoda	INH	isoniazid	Sept	September
i-cellulose	i. p.	intra peritoneal, -ly	SG	Specific gravity
carboxymethyl cellulose	IR	infrared	Siphon.	Siphonoptera
cytidine monophosphate	Isopt.	Isoptera	sp (s)	species
central nervous system	ITP	inosine triphosphate	sp. n.	new species
co-enzyme A	i. v.	intravenous, -ly	s. str.	sensu stricto
reduced co-enzyme A	Jan	January	str	strain
chemical oxygen demand	JH	juvenile hormone	Straps.	Strepsiptera
coefficient	k	kilo	subfam. n.	new subfamily
Coleoptera	kc/s	kilocycles per second	subgen.	subgenus
Collembola	Km	Michaelis constant	subgen. n.	new subgenus
new combination	lb	pound(s)	subsp (p)	subspecies
compound	L/D	light/dark regime	subsp. n.	new subspecies
concentration	LD <sub>50</sub>	median lethal dose	SV40	simian virus 40
co-enzyme Q (ubiquinone)	LDH	lactate dehydrogenase	syn. n.	new synonym
cytopathic effect	Lep.	Lepidoptera	T	thymine
cycles per second	log	logarithm	TCA	trichloroacetic acid
cerebrospinal fluid	LS	longitudinal section	TCU <sub>50</sub>	median tissue culture infective dose
calcitonin	m	milli or meter(s)	TCT	thyrocalcitonin
cytidine triphosphate	M	molar	TCM	triethylene melamine
cultivar	μ	micro, micron(s)	temp	temperature
cytochrome	Mall.	Mallophaga	tert	tertiary
decimal reduction time	Mant.	Mantodea	Thysanopt.	Thysanoptera
dichloro-diphenyl-acetic acid	MBC	minimum bactericidal concentration	t. i. d.	ter in die (three times a day)
dichloro-diphenyl-dichloroethylene	Mec.	Mecoptera	TLC	thin-layer chromatography
dichloro-diphenyl-trichloroethane	Megal.	Megaloptera	TMV	tobacco mosaic virus
AE-cellulose	mg	milligram(s)	trib. n.	new tribe
diethylaminoethyl cellulose	MIC	minimum inhibitory concentration	Trich.	Trichoptera
December	min	minute(s)	Tris	2-amino-2-hydroxymethylpropane-1,3-diol
Dermoptera	mol wt	molecular weight	tRNA	transfer RNA
diameter	mp	melting point	TS	transverse section
Diplura	MPN	most probable number	U	uracil
Diplopoda	mRNA	messenger RNA	UDP	uridine diphosphate
Diptera	Myriap.	Myriapoda	UDPG	uridine diphosphate glucose
deoxyribonucleic acid	n	nano	UDPNAG	uridine diphosphate N-acetylglucosamine
deoxyribonuclease	NAD(H <sub>2</sub> )	(reduced) nicotinamide adenine dinucleotide	UMP	uridine monophosphate
deoxyribonucleoprotein	NADP(H <sub>2</sub> )	(reduced) nicotinamide adenine dinucleotide phosphate	UTP	uridine triphosphate
dihydroxyphenylalanine	Neur.	Neuroptera	UV	ultraviolet
FEOLA-cellulose	NMR	nuclear magnetic resonance	var	variety
epichlorohydrin-triethanolamine and cellulose	var. n.	new name	vol	volume
median effective dose	Nov	November	VS	vertical section
ethylenediamine-tetraacetic acid	NTP	normal temperature & pressure	v/v	volume per volume
Embrioptera	Oct	October	WBC	white blood cell
Emden-Meyerhof-Parnas	OD	optical density	wk	week, weeks
ethyl methane sulphonate	Odon.	Odonata	wt	weight
ear, nose and throat	Onych.	Onychophora	w/v	weight per volume
Ephemeroptera	OP	osmotic pressure	w/w	weight per weight
endoplasmic reticulum	Opil.	Opiliones	Xiph.	Xiphosura
electron spin resonance	ORD	Ordnophora	yd	yard(s)
forma	Orth.	Orthoptera	yr	year(s)
fatty acid(s)	oz	ounce(s)	Zor.	Zoraptera
flavine adenine dinucleotide	PAS	para-aminosalicylic acid	%	per cent
new family	PBS	phosphate buffered saline	‰	per thousand
February	PDA	potato dextrose agar		
(reduced) flavoprotein	PFU	plaque forming unit		
forma specialis	PGPD	6-phosphogluconate dehydrogenase		
foot, feet	PGM	phosphoglucomutase		
foot-candle(s)	PHA	phytohaemagglutinin		
fathom(s)	Pha.	Phasmatodea		
gram(s)	Phasm.	phasmid forming unit		
guanine	PkFu	Plecoptera		
gamma-aminobutyric acid	Plec.			

## Language abbreviations

text	symbol
Al	af
Ar	ar
Be	be
Bg	bg
Ch	ch
Cs	cs
Da	da
Nl	nl
En	en
Ea	ee
Fi	fi
Fr	fr
De	de
Gr	gr
He	he
Hu	hu
It	it
Ja	ja
Ko	ko
Lv	lv
Li	li
Ma	ma
No	no
Pi	pi
Pl	pl
Ru	ru
Rn	ro
Ru	ru
Sh	sh
Sk	sk
Sn	sn
Es	es
Sv	sv
Tr	tr
Uk	uk

Amino acids are only abbreviated in the description of their sequence in a peptide or protein; the I.U.P.A.C. abbreviations are used. Positive inorganic ions are written as  $Mn^{2+}$ ,  $Na^{+}$ , negative ions as  $Cl^{-}$ ,  $SO_4^{2-}$ . Elements are denoted by symbols.

Printed by the  
Cotswold Press Ltd.  
Oxford, England

# Nucleic Acids Abstracts